

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2008

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 12/31/2008	%AVERAGE 12/31/2008	Reading Date	COMMENTS
		AVERAGE 1960 - 2007	Last Year 12/31/2007	Last Month 11/30/2008	PRESENT 12/31/2008				
	Full Pool								
	Contents								
ACKLEY	6,140	2,990	2,140	1,469	1,469	24	49	12/31/08	volume estimated
BAIR	7,300	3,306	1,537	2,096	2,132	29	64	1/2/09	from L. Hammond (sd=308')
CATARACT	1,478	397	333	340	340	23	86	12/31/08	volume estimated
COONEY	28,230	17,548	17,170	16,613	17,260	61	98	12/18/08	from J. Krook el.=4235.48 (17,170 af)
COTTONWOOD	1,900	306	190	970	1,020	54	333	12/29/08	from B. Gartland (sd=39.8, ice affected)
DEADMAN'S BASIN	75,968	38,433	23,119	35,168	38,241	50	100	12/31/08	volume estimated
E.F. ROCK CREEK	16,040	7,369	8,900	11,107	10,975	68	149	12/31/08	from data logger el.=6041.5
FRENCHMAN	2,777	2,421	1,415	1,556	1,556	56	64	12/31/08	volume estimated
MARTINSDALE	23,348	8,103	0	6,937	7,141	31	88	1/2/09	from L. Hammond (sd=258')
MIDDLE CREEK	10,184	5,779	6,359	5,500	6,496	64	112	12/31/08	from P. Dassenko el.=6703.53
NEVADA CREEK	11,207	4,263	4,595	6,933	7,333	65	172	12/31/08	from R. Hawkins el.=4604.52
NILAN	10,992	5,613	5,392	7,400	7,450	68	133	12/31/08	volume estimated
N.FK. SMITH RIVER	11,406	5,497	4,685	6,426	6,500	57	118	12/31/08	volume estimated
RUBY RIVER	36,633	20,132	19,900	19,000	19,500	53	97	12/31/08	volume estimated
TONGUE RIVER	79,071	38,771	50,983	48,379	48,900	62	126	12/31/08	from data logger el.=3419
W.F. BITTERROOT	32,362	5,401	9,254	9,408	9,400	29	174	12/31/08	volume estimated
WILLOW CREEK	18,000	9,520	10,715	9,200	9,200	51	97	12/31/08	estimated from L. Kinne
YELLOWWATER	3,842	849	600	1,450	1,450	38	171	12/31/08	volume estimated

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey